

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A flexible cable, comprising:

a flexible cable main body having one end configured to connect to a first part and the other end configured to connect to a second part on a side opposite to the first part and configured to transmit signals between the first and second parts, wherein at least one of the first and second parts is movable; and

a folded portion formed by folding a portion of the cable main body so that two opposing faces are in contact with each other, wherein movement of said at least one movable part of the first and second part is configured to occur between a first position and a second position whereby corresponding movement of said flexible cable main body is configured to occur only to one side of the folded portion in the first position.

2. (Original) The flexible cable as claimed in claim 1, further comprising a folded-state maintaining device configured to maintain a folded state of the folded portion.

3. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.

4. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.

5. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining comprises a folding clip with an insertion slot into which the folded portion is inserted.

6. (Original) The flexible cable as claimed in claim 2, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.

7. (Original) The flexible cable as claimed in claim 1, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion and the curved portion is relatively longer than the straight portion.

8. (Currently Amended) A disk drive comprising the flexible cable of claim 1, wherein the folded portion and the said flexible cable main body are vertically aligned.

9. (Currently Amended) A flexible cable, comprising:
a first end configured to be connected to a first part and a second end configured to be connected to a second part, so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and

a folded portion formed by folding a portion of the flexible cable between the first and second ends, wherein the folded portion does not deviate from vertical alignment with the first part, and wherein said first and second ends are vertically aligned.

10. (Currently Amended) A disk drive comprising the flexible cable of claim 9, wherein movement of said at least one movable part of the first and second parts is configured to reciprocally occur along a prescribed range between a first position and a

second position whereby corresponding movement of said flexible cable main body is configured to occur only to one side of the folded portion in the first position.

11. (Currently Amended) A flexible cable, comprising:

a first end configured to be connected to a first part and a second end configured to be connected to a second part so as to transmit signals between the first and second parts, at least one of the first and second parts being movable; and

at least one curved portion formed by folding a portion of the flexible cable, wherein a vertex of the curved portion does not deviate from vertical alignment with the first-part end, the curved portion and the second end.

12. (Currently Amended) A disk drive comprising the flexible cable of claim 11, wherein the flexible cable is configured to be directly connected to an optical pickup of said disk drive.

13. (Currently Amended) A disk drive, comprising:

a main base;

a pickup base installed on the main base and provided with parts for recording and reproducing signals on and from a disk, including an optical pickup linearly movable within a predetermined region;

a board fixedly installed on a side of the main base and configured to control driving of the parts including the optical pickup; and

a flexible cable having a folded portion formed by folding a portion of a flexible cable main body, wherein two strips of cable extend from the folded portion in the same direction and are connected, respectively, directly to the optical pickup and to the board so as to transmit signals therebetween.

14. (Currently Amended) The disk drive as claimed in claim 13, further comprising:

a tray configured to move inside and outside the main base so as to move the disk between a loading position and an unloading position;

15. (Currently Amended) The disk drive as claimed in claim 913, wherein the cable main body is divided into a straight portion and a curved portion with respect to the folded portion.

16. (Currently Amended) The disk drive claimed in claim 15, wherein the folded portion is formed near one of the optical pickup and the board, and wherein the folded portion is formed near one of the optical pickup and the board.

17. Canceled

18. (Original) The disk drive as claimed in claim 13, further comprising a folded-state maintaining device configured to maintain a folded state of the cable main body.

19. (Original) The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises an adhesive member configured to bond both faces of the folded portion to each other.

20. (Original) The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises a reinforcement folded-plate attached to at least one side of both sides of the folded portion.

21. (Original) The flexible cable as claimed in claim 18, wherein the folded-state maintaining comprises a folding clip with an insertion slot into which the folded portion is inserted.

22. (Original) The flexible cable as claimed in claim 18, wherein the folded-state maintaining device comprises a tape configured to wrap both sides of the folded portion.

23. (New) The disk drive of claim 13, wherein movement of the optical pickup is configured to be between an inner end and an outer end of said predetermined region, wherein corresponding movement of said flexible cable main body is configured to occur only to one side of a position of the folded portion when said optical pickup is at said outer end.

24. (New) The disk drive of claim 23, wherein said folded portion and said two strips of cable are vertically aligned.

Serial No. 10/786,309
Reply to Office Action of July 20, 2006

Docket No. IK-0062

25. (New) The disk drive of claim 24, wherein said folded portion and said two strips of cable are vertically aligned throughout their respective entire lengths.